HAND-FREE COLOR VIDEO DOORPHONE

Installation and

Operation Manual

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1˘Brief introduction

Thanks for using our products, the four wires system video doorphone is a luxury used to villas for safety. It used advanced technology and newest chipset, which improves the stability of the system and far distance. The system has the function such as: hand-free surveillance, visible phone, lock control, infrared vigil, two audio/video inputs, Insert a card for storing image, video, auto turn off and so on. The system has multi tie-in function such as one camera to one monitor, one to two, one to three, two to one and two to two. Which satisfied by customer's require for different villas.

The products is faddish, goodliness, generous, thinner and hanging on the wall as a adornment. The function is dependable and easy to use, it is the perfect family burglarproof facility and widely used in flats, villa, office and public building, which is the best present for your friends.

For the sake of your safety, please use series burglarproof facility! it will make your life safe and easy!

2˘Functions

Powerful function

Hand-free surveillance, auto display while calling, visible phone, lock control, infrared vigil, two audio/video input, Auto switching, recognise inputing AV channels, Storing Image.

Hand-free phone

While calling by the visitor, you only need to press Hand-free button and then communicate with the visitor. You do not need to take the phone by hand, easy to use.

High solution picture

Using the high resolution camera and 8 inch TFT LCD color digital screen. The resolution is 800x600xRGB. The picture is clear, nice, colorful and steady.

Conveniency in installation

It is very simple to install, easily using and maintain.

Thinner for hanging on the wall

Faddish, thinner for hanging on the wall, generous, portable, take less place, which as a adornment.

Multi Connection

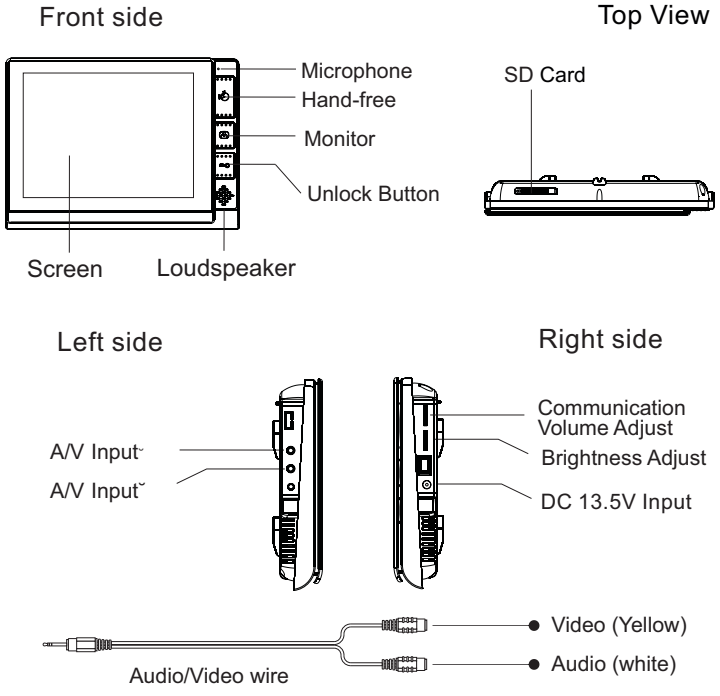
The system can be installed in multi tie-in manners as one camera to one monitor, one to two, one to three, two to one and two to two. It can satisfy the kinds of villas.

Security

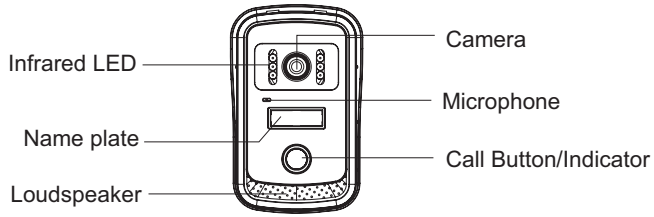
Infrared vigil: the system also can monitor and see the visitor clearly at night. Sure who is there before unlock, which is safer.

3ˇDescriptions as illustrated

1.Indoor-monitor

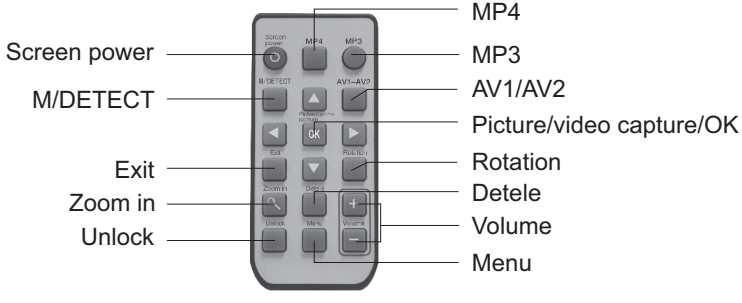


2.Camera



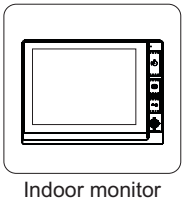
3ˇDescriptions as illustrated

3.Remote Control

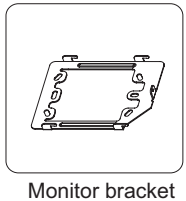


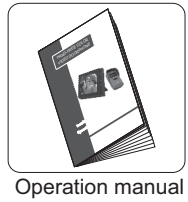
4ˇPreparations before installation

Check the pack

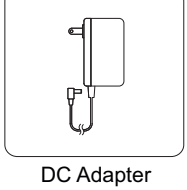

Indoor monitor

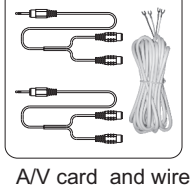
Camera

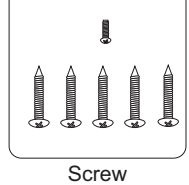

Monitor bracket


Operation manual

Remote Control

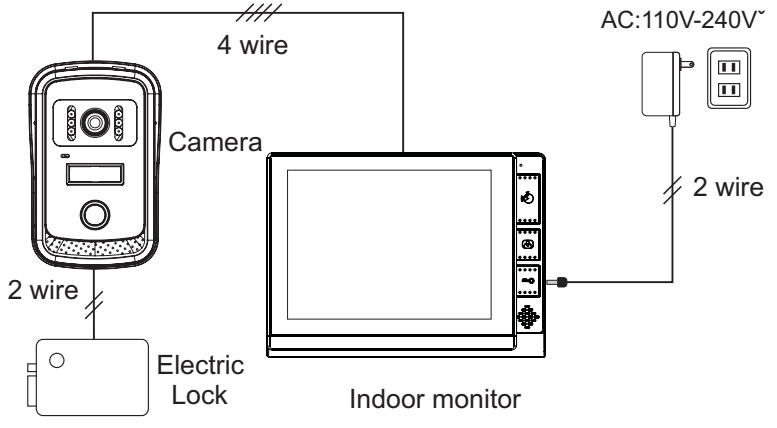

DC Adapter


A/V card and wire

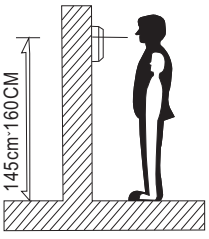

Screw

5˘Installation

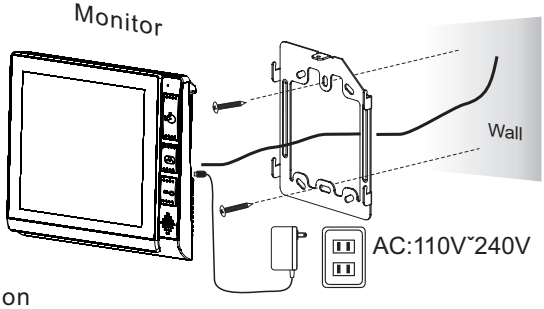
1. System diagram



2. Installation of the monitor



The optimum height of the monitor for installation is 145 cm˘160cm from the centre of the screen of the monitor to the ground.Ł This data provides to consult onlyŁ



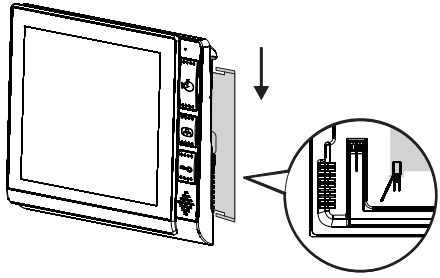
Take two bolts fix the bottom piece on the wall and then install the monitor

2. Installation of the monitor

Method 1

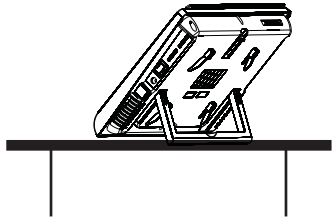
Please follow the below steps before installation:

1.Push indoor unit to mount bracket from the top to the down.



Following up procedure to operate when you want to unhang the monitor

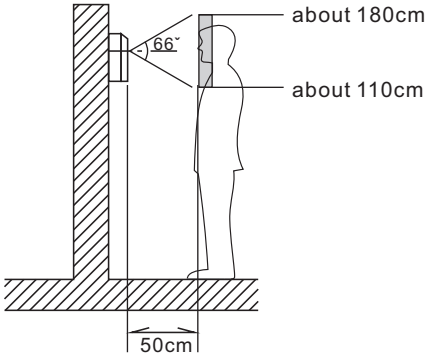
Method 2

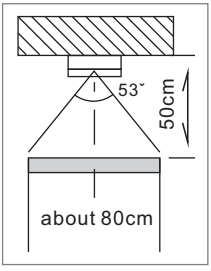


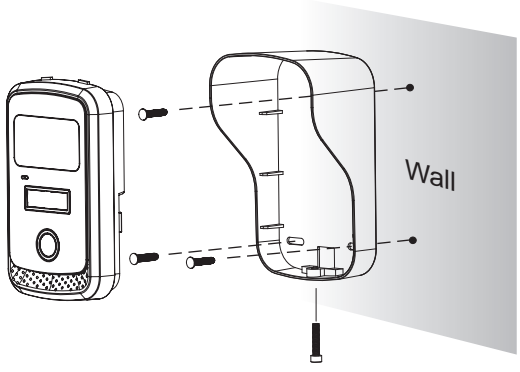
ˇUse the holder to turn it to the right position you need.

3. Installation of the camera

Positioning





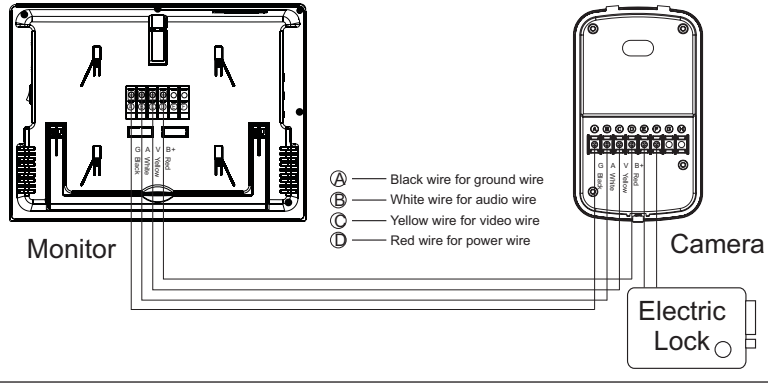


Notice:

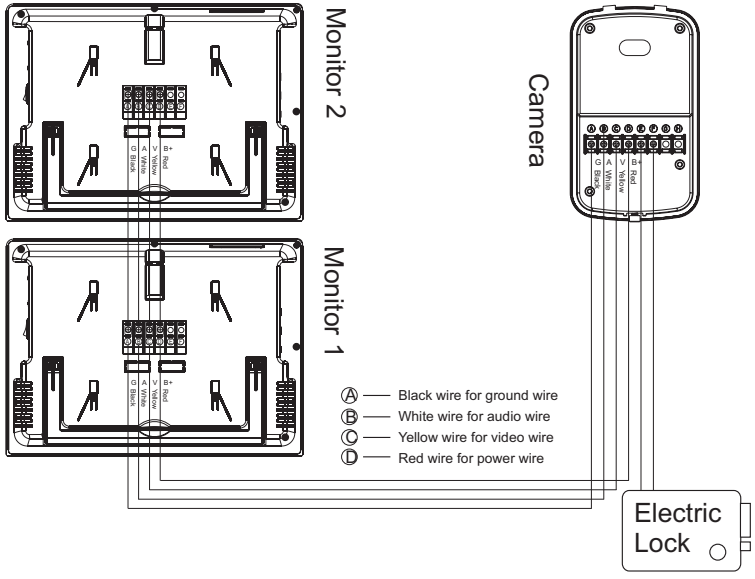
Do not install the camera on the places under the sunshine. If the street light or other light reflect at the back of the visitor, you need to install lamps to make the picture more clearer.

6˜Wire connection

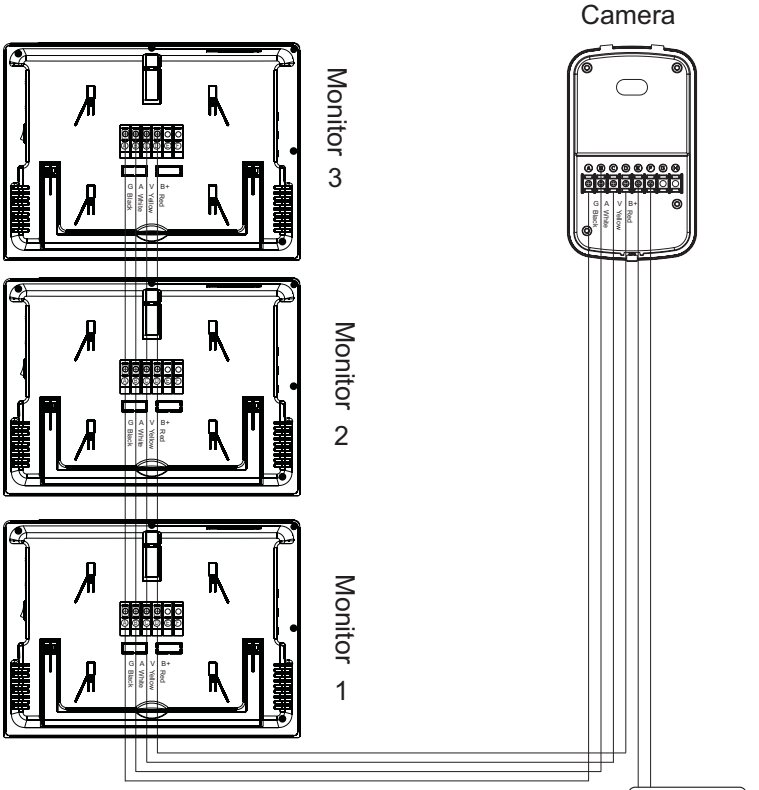
1. Diagram of one to one


Monitor
Camera
Electric Lock
Ⓐ Black wire for ground wire
Ⓑ White wire for audio wire
Ⓒ Yellow wire for video wire
Ⓓ Red wire for power wire

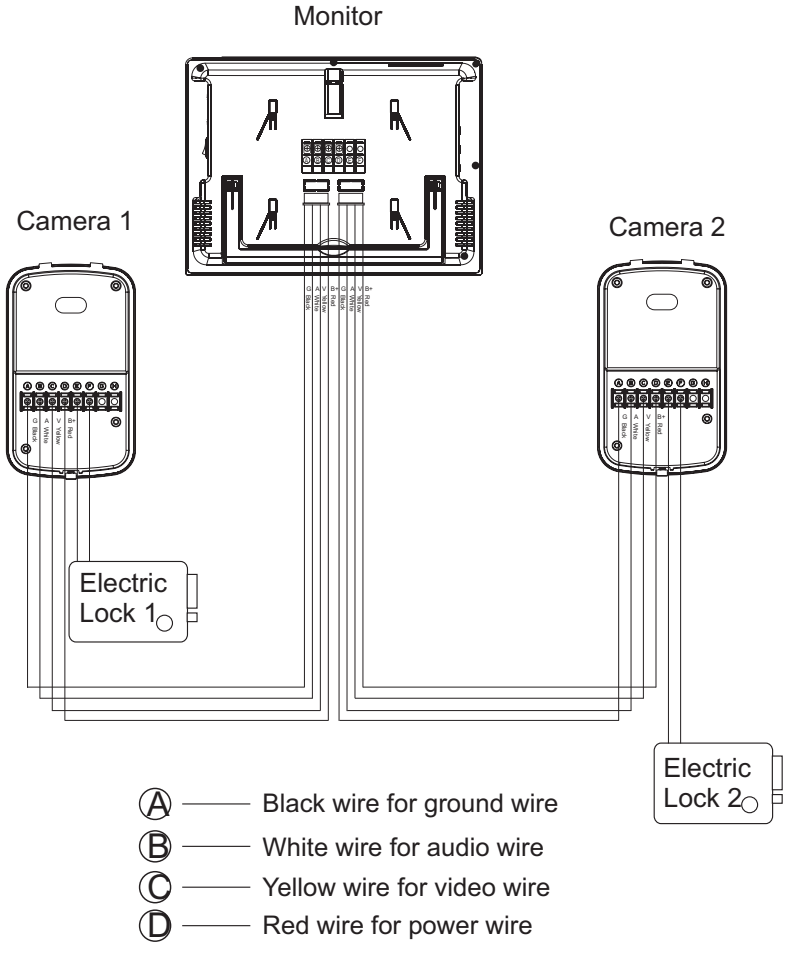
2. Diagram of one to two



3. Diagram of three key to three

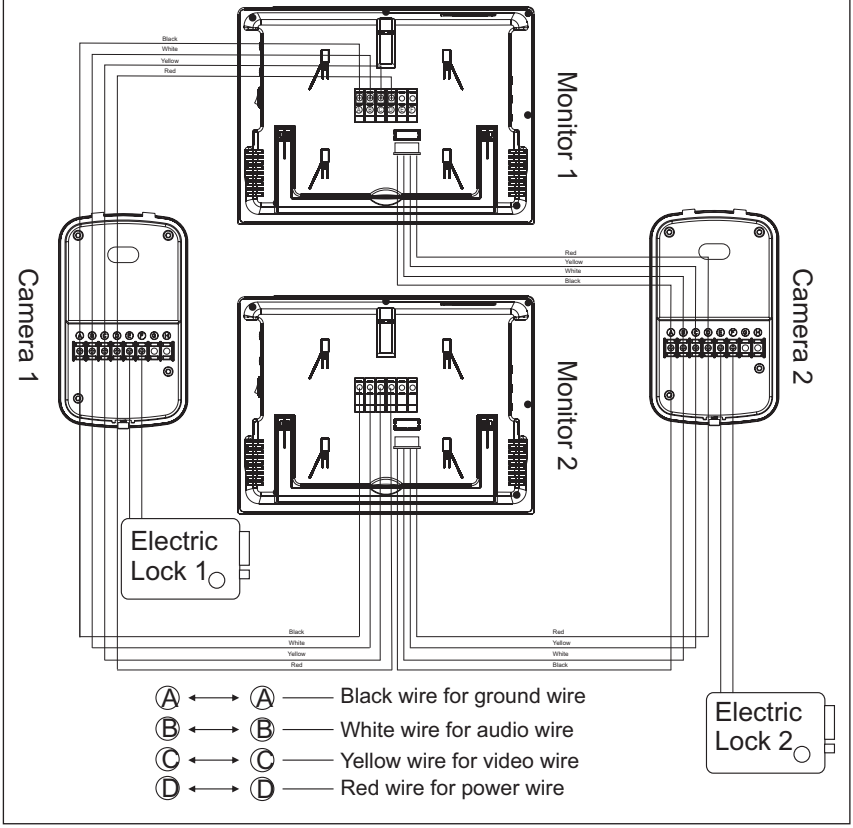

Camera
Monitor 3
Monitor 2
Monitor 1
Electric Lock
Ⓐ —— Black wire for ground wire
Ⓑ —— White wire for audio wire
Ⓒ —— Yellow wire for video wire
Ⓓ —— Red wire for power wire

4. Diagram of two to one


Monitor
Camera 1
Camera 2
Electric Lock 1
Electric Lock 2
Ⓐ —— Black wire for ground wire
Ⓑ —— White wire for audio wire
Ⓒ —— Yellow wire for video wire
Ⓓ —— Red wire for power wire

6˜Wire connection

5. Diagram of two to two



Notice

1. Before install, please plug off the power supply. And plug on the power supply after installation.
2. The length connecting wire between the camera and the monitor must be less than 100 metres.
3. For the clear picture, it is recommended to use the copper wire of 4˜0.75mm^2.

7ˇOperation

■ Calling by the visitor

While the visitor press the Call button, the Ding Dong sound will be heard from the indoor monitor, and the picture of the visitor is displayed on the monitor screen, and detail record for visitors' images to SD card. If no people at home or fail to press Hand-freebutton in time, the screen will be closed automatically at 60 seconds.

When seeing the picture of the visitor, press the Hand-free button to communicate with the visitor, and press the button again to turn off the monitor. After pressˇHFˇwith1 minute,monitor will be closed. If the communication continue over 3 minute, the screen will be close automatically.

You can press the Unlock button to open the door and let the visitor in.

■ Stakeout

While standby state, press the monitor button to display the picture from outdoor.

■ Audio/Video Input

When there is only one AV inputed, the screen will display the channel which is connected; when there are two AV inputed, the monitor will display these two AV by automatically.

■ Memory Function

Plug-in SD card with menus choice after key in ˇMENUˇ on remote control. Sreen displayˇ1ˇand photograph when key ˇOKˇ ,Sreem display ˇ oy flicker when video recording.ˇPLAYˇbuttom will help you to review the image and video clip.ˇUPˇand ˇDOWNˇ for page turning, ˇ turn to ˇMENUˇ pageˇ;ˇDELˇcan delete image and photo.

The SD card must be plugged into the videophone when the power is off,so that when the deivce is powered up,it recongnizes the SD card and displays the SD card symble

■ Other operation

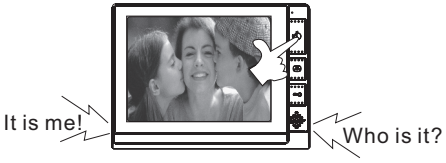
If you think the monitor volume is not applicable or the picture shown on the screen is too light or too dark, you can adjust the Volume and Brightness knob to reach pleased effect of volume and picture.

7˘Operation

1. One to one

Press the Call button by the visitor.

The picture of the visitor is displayed on the monitor screen.



Press the Hand-free button and communicate with the visitor.

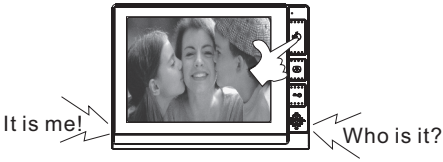
Press the Unlock button to open the door.

On standby, press the Monitor button then the outside picture is in stakeout.

2. One to two

Press the Call button by the visitor.

The picture of the visitor is displayed on the two monitor screen.



Press the Hand-free button on any one monitor and communicate with the visitor.

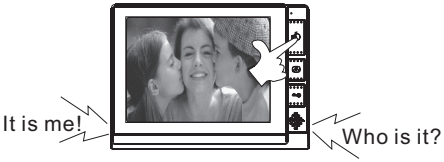
Press the Unlock button on any one monitor to open the door.

On standby, press the Monitor button on any one monitor then outside picture is in stakeout.

3. Two to one

Press the Call button on any one camera by the visitor

The picture of the visitor is displayed on the monitor screen.



Press the Hand-free button and communicate with the visitor

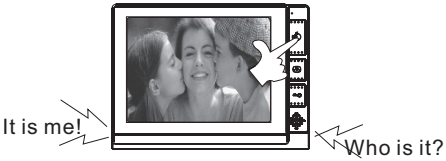
Press the Unlock button to open the door.

On standby, press the Monitor button on any one monitor then the picture outside the corresponding camera is in stakeout. Press the Monitor button again then the other camera is in stakeout. Press the third time to exit.

4. Two to two

Press the Call button on any one camera by the visitor

The picture of the visitor is displayed on the two monitor screen.



Press a Hand-free button on any one monitor and communicate with the visitor

Press the Unlock button on any one monitor to open the door.

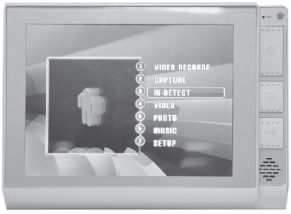
On standby, press the Monitor button on any one monitor then the picture outside the corresponding camera is in stakeout. Press the Monitor button again then the other camera is in stakeout. Press the third time to exit.

8. Operation and explanation of remote control

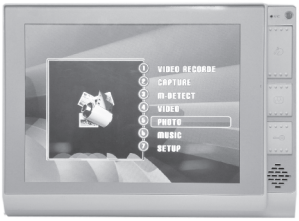
Please turn off the unit before plug in the SD card. after SD card if plug on, there will be " SD " displaying on the screen.
enter MENU, you can see total 7options, press MENU again for exit

1, you can press OK to record picture/ video when monitor is displaying the outdoor camera or AV input channels. if it is setted capture, in the right side of the bottom on the screen will show how many pictures it is taking; if it is setted video recording, image on screen will reduce to 640*480, and a red point in bottom will flash indicating that it is recording video. according to the belowing picture:

2,enter Menu and confirm with M-detect: when there is some moving object in front of camera, video/picture will be took automaticly.untill you press EXIT to exit this function.please be noticed that this function is only valid on the AV inputs, but not the outdoor camera .

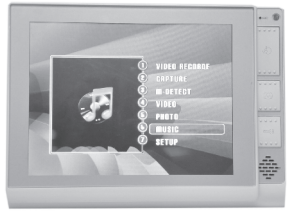


3, enter video or photo to review all pictures and video. when displaying picture, use the " " to spin the picture, when the solution of picture is more than 800*600, we can use " " to zoom in.
when preview all pictures, use up and down buttons to sellect picture, left and right buttons to turn pags.use detele button to detele pictures or video.
double press on OK button to start AUTO display of pictures.



8、Operation and explanation of remote control

4, enter MUSIC: use OK to play songs, up and down buttons tosellect, press OK again to pause, ESC to exit.



5, enter SETUP: there are more options of setup VIDEO RECORD/ CAPTURE/M-DETECT/VIDEO /PHOTO/MUSIC/SETUP

6, when there is one AV input, you can see that the AV channel number is showed on the screen.when there are two AV input, the monitor will display these two AV channels by Automaticly switching from each channel every 10seconds, or you can switch channels by remote control.

7, use EXIT to up to the previous MENU;UNLOCK buttons to release door lock

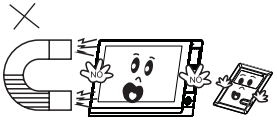
Note:

1.timing setting will be default when you plug off the DC adapter of this product.

2. when power on, after the "LOADING" words are disappeared, then the unit is available for operation

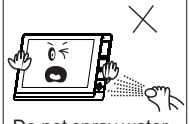
3.screen will be turned off after displaying three mins, you can press any buttons to wake it up.
(screen will be turned off as well when the SCREEN OFF button of remote control is pressed)

Warning



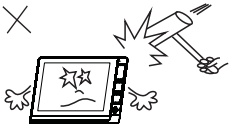
Do not put the doorphoe near the strong magnetic places.

1



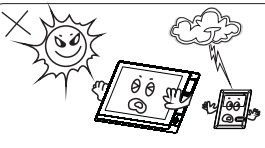
Do not spray water or liquid to the video doorphone directly.

2



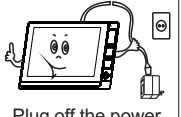
Do not shock the video doorphone

3



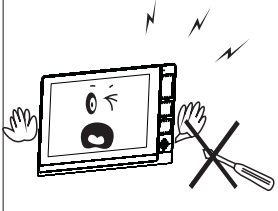
Do not expose video phone to the sunshine or strong reflection ray.

4



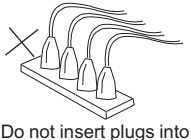
Plug off the power cord while not use for a long time.

5



Do not try to dismantle the doorphone, as the high voltage is inside it.

8



Do not insert plugs into a socket to be filled. (This will be caused a fire or short circuit)

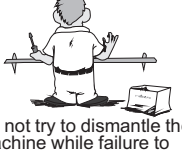
6

Do not installed the doorphone near any ammonia or poisonous gas.

7

Do not wipe the machine with detergent or other chemic impregnant.

9



Do not try to dismantle the machine while failure to function. Please contact with the local service.

10

Note:

1. Record features only record image/video without audio.
2. Please turn off the video doorphone, before remove/plug on the SD card.
3. When AV1/2 is plug on, the volume key of indoor is inefficacy.

10˘Trouble shooting

1. No sound while calling
   a. The connection cable between monitor and camera is loose.
   b. The volume has be turn to the end.
2. Unclear image
   Please check if the brightness is turned to too down, please adjust the brightness knob.
3. Can not unlock
   The wire of unlock is unconnected or short circuit.

11˘Specifications

Indoor-monitor

Power Supply	DC 13.5V
Power Consumption	Standby: Ł40mA Working: 450mA AV Output: <260 MA
Screen	8" HD LCD screen
Resolution	800(W)˘600(H)˘RGB
Brightness	200cd/m^2
Video Input	2 Vp-p
Cutoff-Time	Stakeout: 3 minute, Conversation:1 minute
Mike Sensitivity	-60dB
Operation Temperature	0˘˘+60˘
Call Tone	˘Ding Dong˘ chime
External Dimension	223(L)˘162(W)˘38.5(H) mm

Outdoor-camera

Power Supply	DC 12VŁsupplied by the monitorŁ
Power Consumption	Working: Ł2W
Imagery Angle	Diagonal: about 53˘
Lamp-house at night	Infrared LED
Operation Temperature	-30˘˘+70˘
External Dimension	145.2(L)˘92.1(W)˘57.5(H) mm

Warning:

˘To prevent injury, this apparatus must be securely attached to the floor/ wall in accordance with the installation instructions.

˘The mains plug is used as the disconnect device, the disconnect device shall remain readily operable, and it shall be disconnected from the mains completely.

˘The plug is used as disconnect device form the mains supply, the plug shall remain readily operable.

˘The apparatus should not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

˘No naked flame sources, such as lighted candles, should be placed on the apparatus.

Notice:

˘Due to continuing improvements, the features and design are subject to change without notice.

˘This manual is only intended for reference. No further notice is available to any modification of all information contained therein.

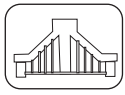
˘For the imprecision, mistake or misprint in the manual, will be explained by the producer only.

We are connected by true feeling !

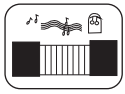
Door Guard

Warehouse

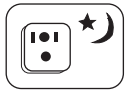
Baby Room



Gate Switch

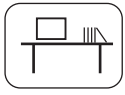


Visitor Door



Night Vision

Inter-com



Office